NATALIA SERNA

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CURRENT APPOINTMENT

Stanford University 09/2023 -
Assistant Professor of Health Policy

EDUCATION

University of Wisconsin - Madison
PhD in Economics 05/2023
MS in Economics 06/2019

Icesi University
MS in Economics 06/2015
Bachelor in Economics and International Business 02/2014

PAST APPOINTMENTS

University of Wisconsin - Madison 07/2021 - 06/2022
Research Assistant
Principal Investigator: Lorenzo Magnolfi.

University of Wisconsin - Madison 01/2019 - 06/2020
Research Assistant
Principal Investigator: Marguerite Burns.

RESEARCH FIELDS

Industrial Organization, Health Economics, Applied Microeconomics.

ORIGINAL PEER-REVIEWED PUBLICATIONS

Total publications: 8 Authors are organized in alphabetical order based on last names as is the convention in Economics, unless otherwise stated.

McNamara, C. and Serna, N., (2022). The Impact of a National Formulary Expansion on Diabetics, Health Economics, 31(11), 2311-2332.

Serna, N., (2021). Cost Sharing and the Demand for Health Services in a Regulated Market, (2021). Health Economics, 30(6), 1259-1275.

Burns, M., Dague, L., Saloner, B. Serna, N.*, Voskuil, K., Kim, N., and Look, K., (2020). Implementing Parity for Mental Health and Substance Use Treatment in Medicaid. Health Services Research, 55(4). *Statistical analysis. Administrative, technical, or material support.*

Saloner, B., Dague, L., Friedsam, D., Serna, N.*, Volskuil, K., and Burns, M., (2019). Access to Care Among Individuals Who Experienced Medicaid Lockouts After Premium Nonpayment, Journal of the American Medical Association, 2(11). *Statistical analysis. Administrative, technical, or material support.*

Martin, J., Riascos, A., and Serna, N., (2019). Welfare Effects of Switching Barriers Through Permanence Clauses: Evidence from the Mobiles Market in Colombia, Telecommunications Research, 43(4).

Riascos, A. and Serna, N., (2018). Machine Learning Based Program to Prevent Hospitalizations and Reduce Costs in the Colombian Statutory Health Care System, (2018). International Journal of Knowledge Discovery in Bioinformatics, 8(2).

Riascos, A., Romero, M., and Serna, N., (2018). Risk Adjustment Revisited using Machine Learning Techniques, Proceeding Series of the Brazilian Society of Computational and Applied Mathematics, 6(2).

Riascos, A. and Serna, N., (2017). Predicting Annual Length-of-Stay and its Impact on Health Costs: The Case of the Colombian Healthcare System, Proceedings of Machine Learning Research, 69.

CONFERENCE PRESENTATIONS

Health Economics and Policy Innovation Collaborative (HEPIC)	Atlanta, GA, *scheduled*
National Bureau of Economic Research, Spring Meeting (NBER IO)	Stanford, CA, *scheduled*
Junior Health Economics Summit	Canada, *scheduled*
Becker Friedman Institute, Women in Empirical Microeconomics	Chicago, IL, 09/2023
National Bureau of Economic Research, Summer Institute (NBER IO)	Boston, MA, 07/2023
International Industrial Organization Conference (IIOC)	Washington D.C., 04/2023
Stanford Institute for Theoretical Economics (SITE)	Stanford, CA, 07/2022
American Society of Health Economists (ASHEcon)	Austin, TX, 06/2022
International Industrial Organization Conference (IIOC)	Boston, MA, 04/2022
Midwest Economics Association (MEA)	Minneapolis, MN, 03/2022
Association for Public Policy Analysis and Management (APPAM)	Austin, TX, 11/2021
Midwest Economics Association (MEA)	Virtual, 03/2021
American Society of Health Economists (ASHEcon)	Virtual, 06/2021

TEACHING EXPERIENCE

R Software (Master's level) — Spring 2019
Department of Economics, University of Wisconsin - Madison.

Elementary Matrix and Linear Algebra — Fall 2018
Department of Mathematics, University of Wisconsin - Madison.

Principles of Economics 101 — Fall 2017, Spring 2018
Department of Economics, University of Wisconsin - Madison

FELLOWSHIPS AND AWARDS

Caves Dissertation Fellowship — 2022
Department of Economics, University of Wisconsin - Madison.

Richard E. Stockwell Dissertation Fellowship — 2021
Department of Economics, University of Wisconsin - Madison.

Summer Fellowship — 2019
Department of Economics, University of Wisconsin - Madison.